

Certificate of Analysis

Date of Testing: 2023-08-07 09:33:44
Date of Next Testing: 2025-08-06 09:33:44
Product Name: **Pazufloxacin Mesylate**
CAS Number: 163680-77-1
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: K2104125
SKU #: **P133027**
Analysis: **260655**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.30 %
Purity(HPLC)	98-100 (%)	98.00700 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L NaOH})$	-64--61 ($^{\circ}$)	-62.55 $^{\circ}$
Appearance (P133027)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager